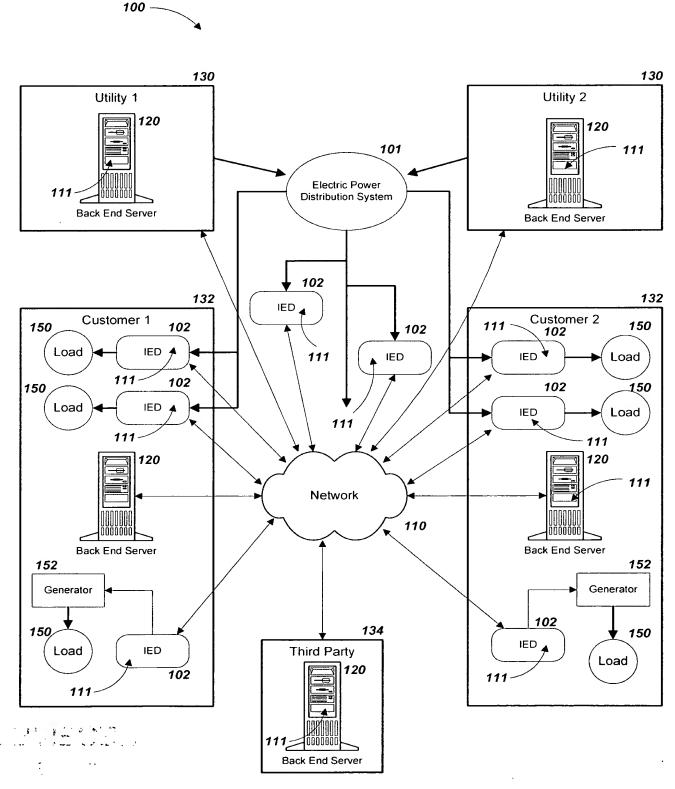
#### IN THE FIGURES:

Please delete Figures 1, 2a, 2b, 3a, 3b, 3c, 4a, 4b, 5a, 5b and 6-11 and add new figures 1, 2a, 2b, 3a, 3b, 3c, 4a, 4b, 5a, 5b and 6-11 attached hereto.

Inventor(s): Forth et al.

Attorney Docket No. 6270/48 and Serial No.09/723,564

### **FIG. 1** (1/15)



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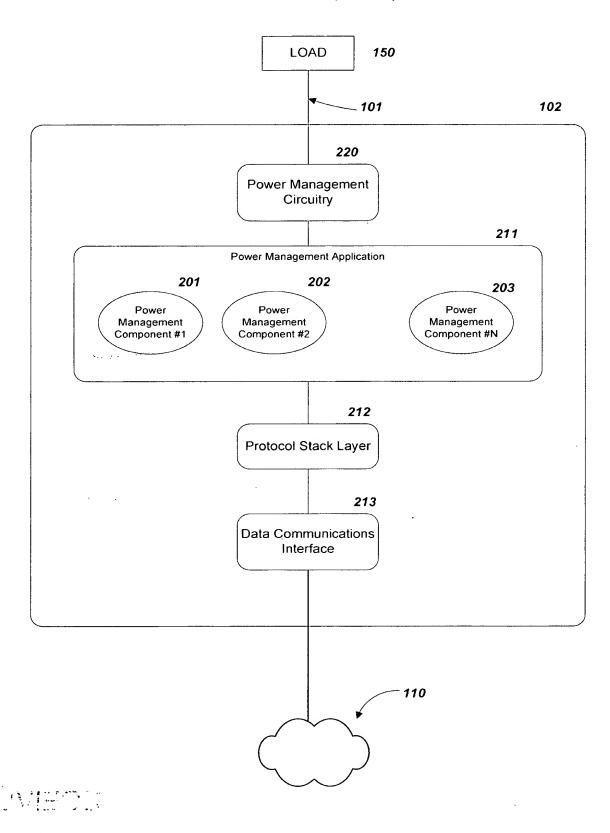
Retent Application for: INTRA-DEVICE COMMUNICATIONS ARCHITECTURE FOR MANAGING

ELECTRICAL POWER DISTGRIBUTION AND CONSUMPTION

Inventor(s): Forth et al.

Attorney Docket No. 6270/48 and Serial No.09/723,564

### **FIG. 2A** (2/15)



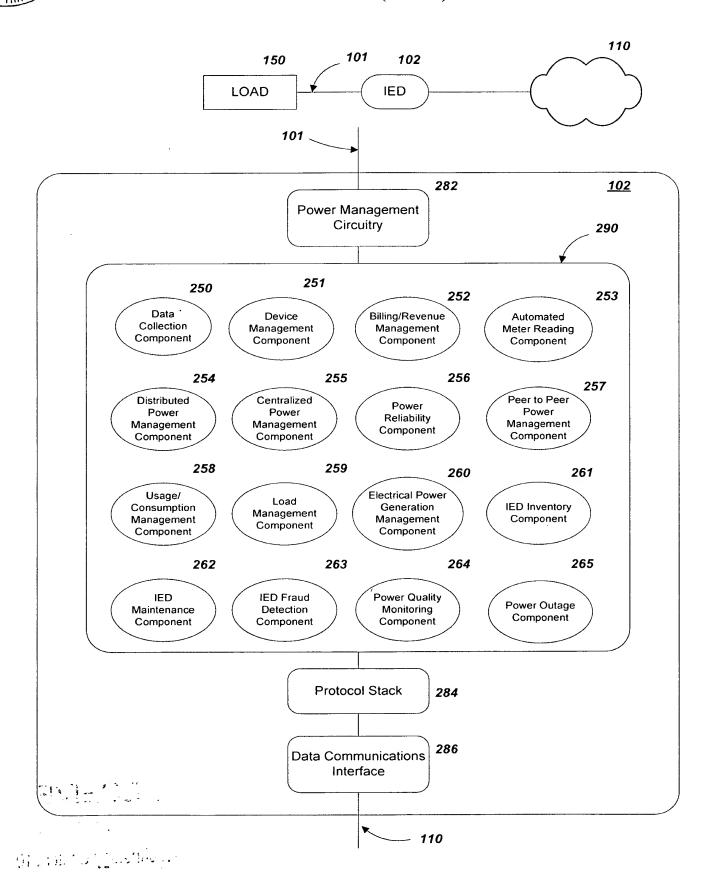
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Patent Application for: INTRA-DEVICE COMMUNICATIONS ARCHITECTURE FOR MANAGING ELECTRICAL POWER DISTGRIBUTION AND CONSUMPTION

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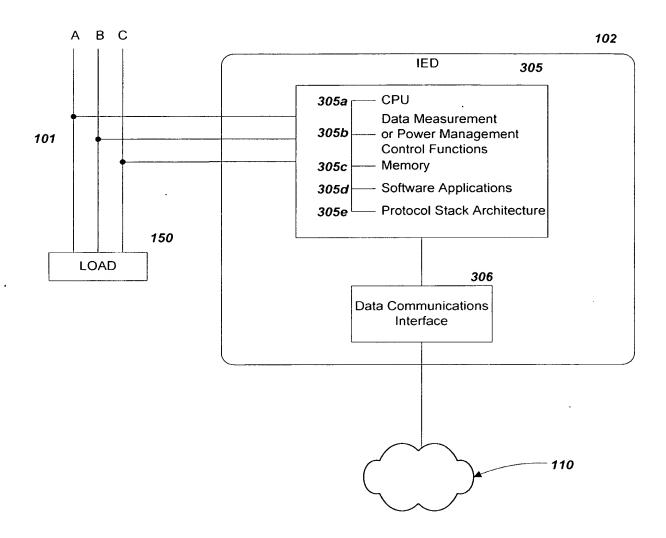
### FIG. 2B (3/15)

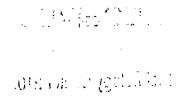


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### **FIG. 3A** (4/15)

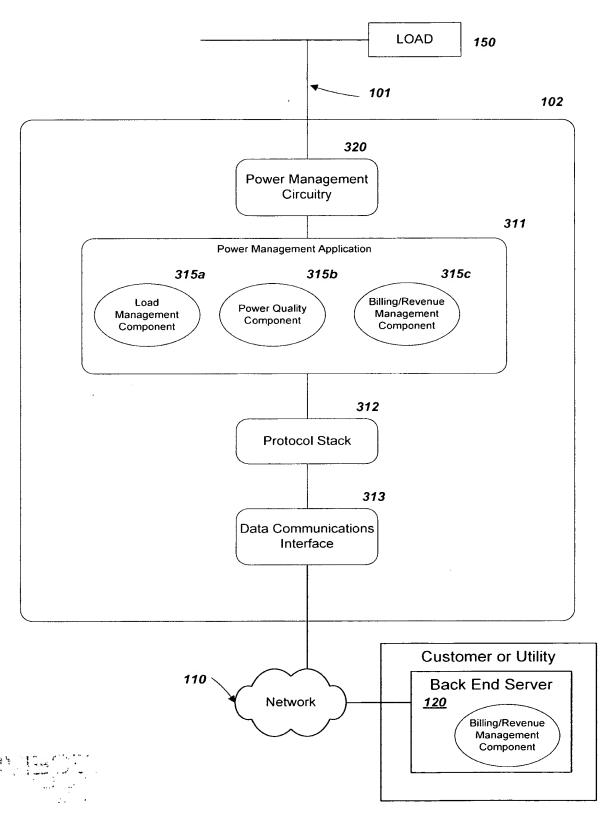




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# **FIG. 3B** (5/15)

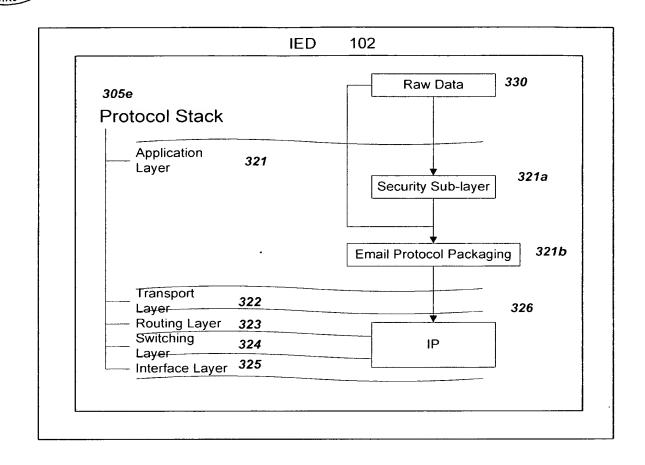


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### **FIG. 3C** (6/15)



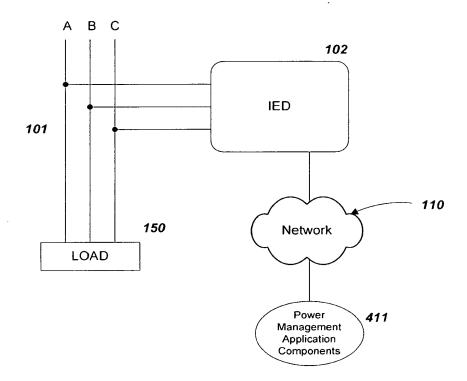


Inventor(s): Forth et al.

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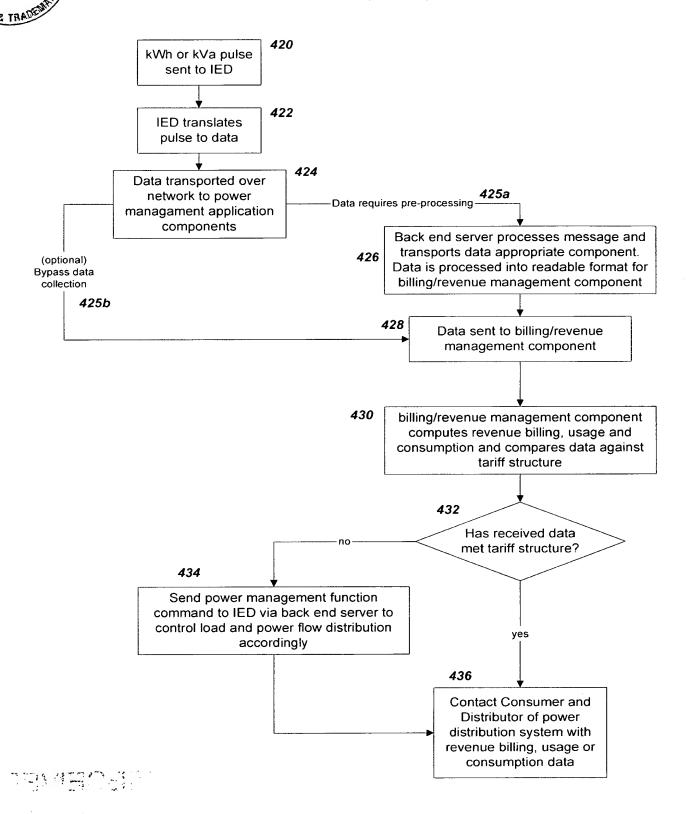


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#### **FIG. 4B** (8/15)

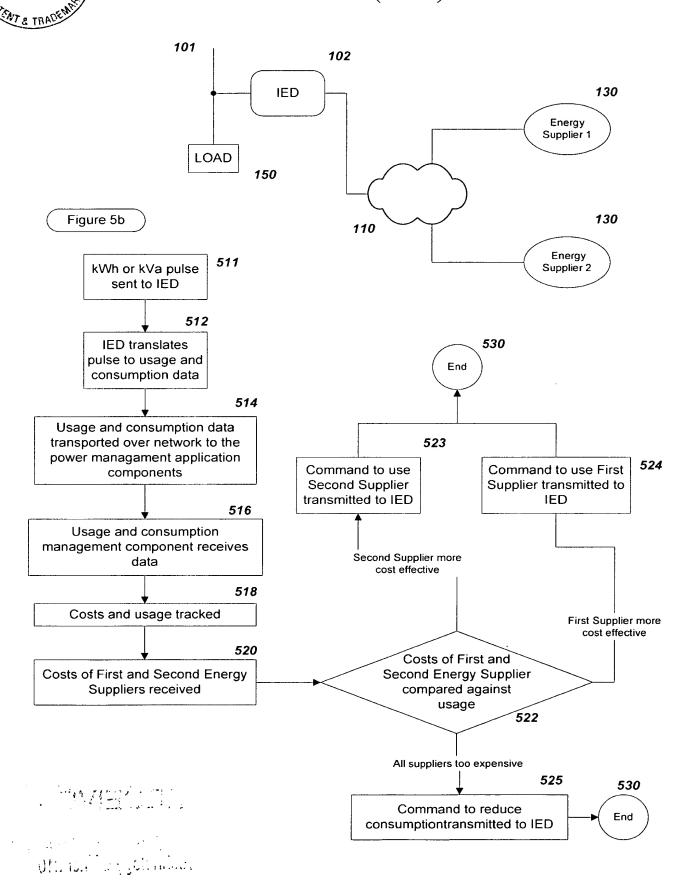


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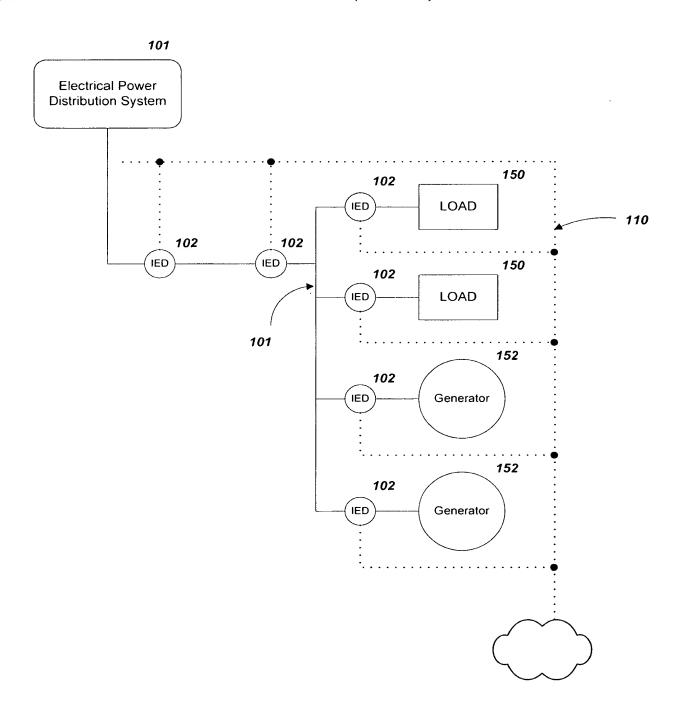
### **FIG. 5A** (9/15)



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# **FIG. 6** (10/15)

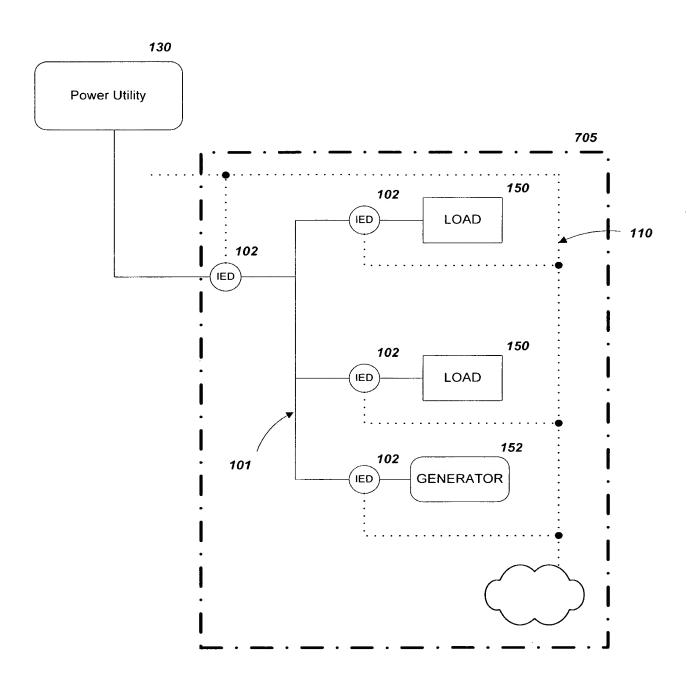




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# **FIG. 7** (11/15)

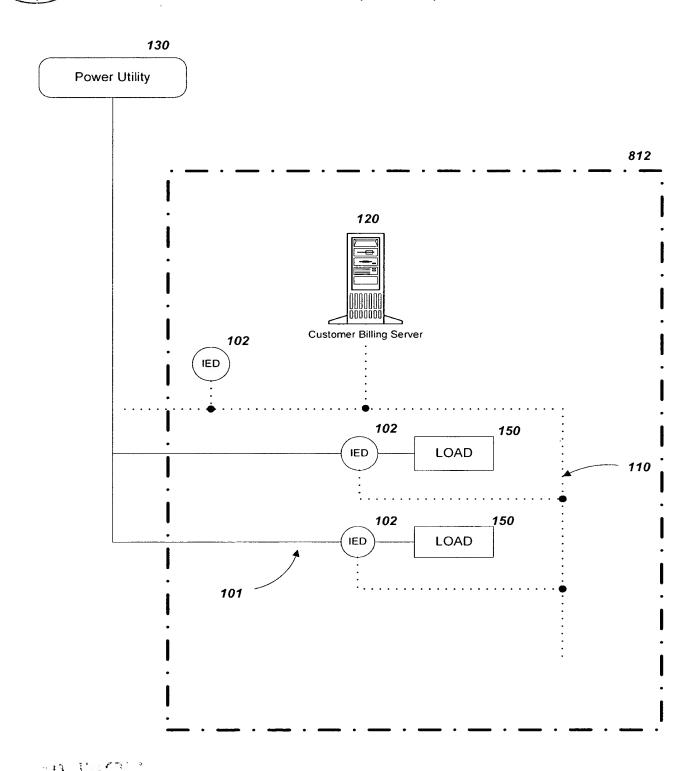


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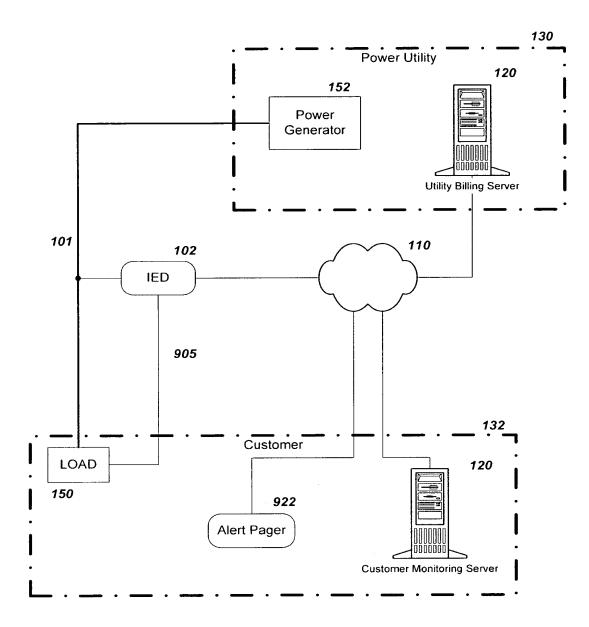
**FIG. 8** (12/15)



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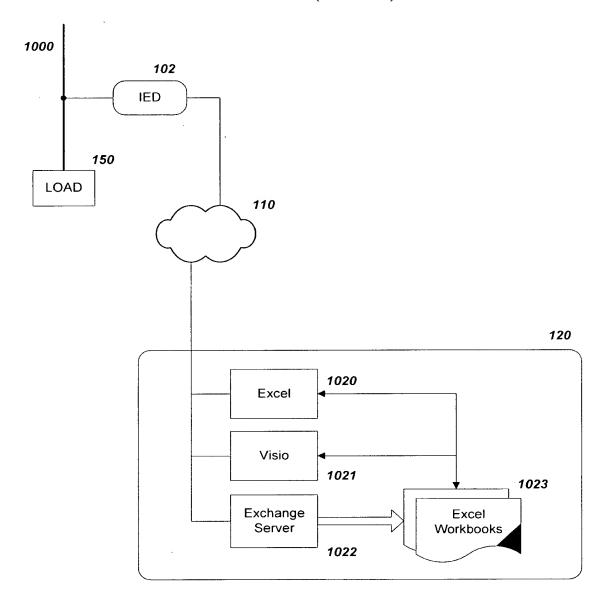
# **FIG. 9** (13/15)



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# **FIG. 10** (14/15)



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# **FIG. 11** (15/15)

Formula-based Setpoint:	Sum of Currents:				CL1 LocalTime	Freq	PF sign tot	lavg	VIn avg	VII avg	VII bc		VII ab	VII ca	VIn b	Vin c	- C
OVER 550 Volts	643.31				08:32.9	59	-94	214.44	357.23	585.28	586.28		589.1	580.46	371.46	479.28	237.82
VII ca VII ab VII bc	572 570 568	580 578 576	584	GRAPHICAL VOLTAGES		Default diagrams: we just need to create an excel templat	Onboard logs could be displayed easily	Animation: Charts, warnings, etc	Logging: You could write simple scripts to log the values on the left to an Access DE	Complex Aggregation: Because it is Excel, you can do anything you want, easily	below) when it detects a new device on the network	Auto-detection: Excel could automatically add a worksheet (a "tab"	Some features to implement:		like between page updates and hit <return></return>	Type in the number of seconds you would	Change Update Rate
VII avg		□ Series 1				plate for each device			on the left to an Access DE	nything you want, easily		et (a "tab"				10	

Will which polaritors